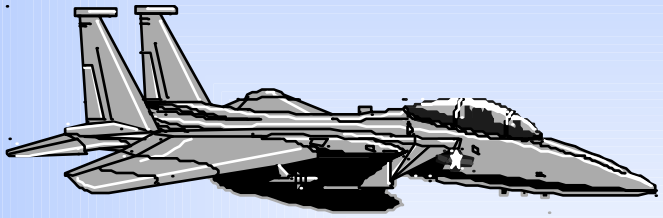
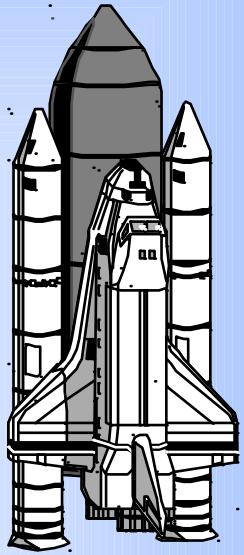
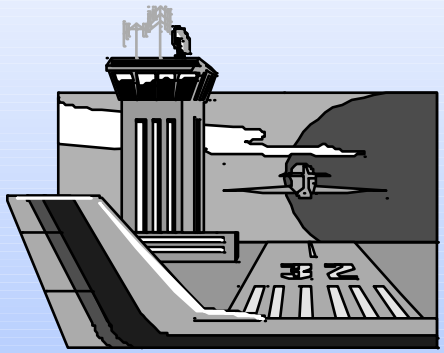
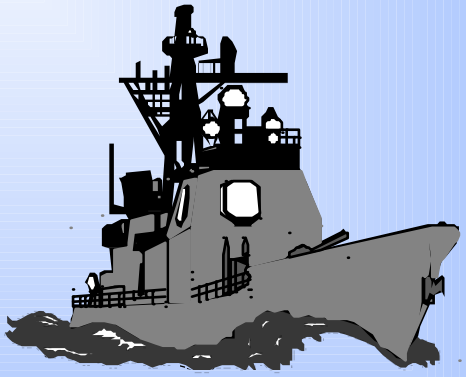
DoD HFE TAG





Department of Defense
Human Factors Engineering
Technical Advisory Group





Origin

- **Founded November 1976**
  - **Assistant Secretaries of the Services**
  - **Memorandum of Agreement**
- **First meeting 9-10 August 1977**
  - **Ft. Washington, PA**
  - **Hosted by Navy (NADC)**
- **Current DoD proponent is Dr. Robert Foster, Office of the Director of Defense Research and Engineering/Science and Technology (ODDR&E)/S&T**

Goals

- **Timely exchange of HFE technical information**
- **Working level coordination of government agencies involved in HFE**
  - **Research**
  - **Development**
  - **Application**
- **Assist in preparation and coordination of tri-service HFE documents**
- **Identify HFE technical issues and technology gaps**

Participants

(Sponsors in Italics)

- ***Army***
- ***Navy***
- ***Air Force***
- ***NASA***
- ***FAA***
- **Department of Defense**
- **Coast Guard**
- **Other Federal Government agencies**
- **Technical Societies**
- **National Laboratories**

SubTAGS and Interest Groups

- **Controls & Displays (Controls)**
- **Design: Tools and Techniques (DTT)**
- **Human Factors and Operational Medicine (Op Medicine)**
- **Human Factors Engineering/Human Systems Integration: Management & Applications (HFE/HSI)**
- **Human Factors in Extreme Environments (Extreme Environments)**
- **Human Factors Standardization (HFS)**
- **Human Factors Test & Evaluation (T&E)**
- **Human Modeling and Simulation (Modeling)**

SubTAGs and Interest Groups (cont.)

- **Personnel Screening and Selection (Personnel)**
- **Sustained/Continuous Operation (SUSOPS/CONOPS)**
- **System Safety/Health Hazards/Survivability (SS/HH/Sv)**
- **Technical Society/Industry (TS/I)**
- **Workload Coordinating (Workload)**
- **User-Computer Interaction (UCI)**
- **Human Factors in Training Interest Group**
- **Human Factors in User Utilization Interest Group**

SubTAG Chairs

- Controls & Displays
- Design
- Op Medicine
- HFE/ HSI
- Extreme Environments
- HFS
- T&E
- Modeling
- Personnel
- SUSOPS/CONOPS
- SS/HH/Sv
- TS/I
- Workload
- UCI
- Training
- User Feedback

- Dr. Henry Williams
- Major Joe Menchaca
- LT Walter Carr/LCDR Sean Biggerstaff
- Mr. Adrian Salinas
- Mr. Brad Collie
- Mr. Alan Poston
- Mr. Edward George /Mr. Adrian Salinas
- LT Joseph Cohn
- LT Henry Phillips
- LT Walter Carr/ Dr. Thomas Nesthus
- Mr. Benjamin Gibson/Mr. Stephen Merriman
- Mr. William Lytle
- CDR Karl VanOrden
- LT Phil Fatolits
- Dr. Bob Nullmeyer

Meeting Schedule

- **Two per year**
  - **Usually May and November**
- **Rotates among sponsor organizations**
- **SubTAGs meet with TAG once or twice a year**
  - **May meet separately as required**

Principles of Operation

- **Openness in interchanges**
- **Major work accomplished through SubTAG structure**
- **SubTAGs meet specific area needs - can be added or discontinued**
- **SubTAGS run by participants**
- **Minimum formality**
- **Operating Board and Executive Committee maintain continuity and efficiency**

Recent and Upcoming Meetings

TAG-43:	**Air Force**	**Albuquerque, NM**	**1-4 Nov 99**
TAG-44:	**Navy**	**Washington, DC**	**1-4 May 00**
TAG-45:	**Army**	**El Paso, TX**	**6-9 Nov 00**
TAG-46:	**Air Force**	**Colorado Springs, CO**	**14-17 May 01**
TAG-47:	**Navy**	**San Diego, CA**	**29 April – 2 May 02**
TAG-48:	**No Host**	**Alexandria, VA**	**4 – 7 Nov 02**
TAG-49:	**Army**	**Augusta, GA**	**12-15 May 03**
TAG-50:	**Air Force**		**Tempe, AZ 3-6 Nov 03**
TAG-51:	**FAA**	**Atlantic City, NJ**	**10-13 May 04**
TAG-52:	**No Host**	**Alexandria, VA**	**Nov 04**

Organization

- **Executive Committee**
  - **TAG Chairs (past, present, future)**
  - **Sponsor representatives**
    - **Army**
    - **Navy**
    - **Air Force**
    - **NASA**
    - **FAA**
- **Operating Board**
  - **Executive Committee**
  - **SubTAG Chairs**

Executive Committee

- **Current Chair (Air Force)**
- **Vice Chair (Army)**
- **Immediate Past Chair (Navy)**
- **Army**
- **Navy**
- **Air Force**
- **NASA**
- **FAA**

- **Dr. James C. Miller**
- **Ms. Dawn Woods**
- **LCDR Sean Biggerstaff**
- **Mr. Benjamin Gibson**
- **LT Walter Carr**
- **Dr. Kristen Liggett**
- **Ms. Faith Chandler**
- **Dr. Thomas McCloy**

Products

- **Technical Coordination**
- **Develop and Support Standardization Guides and Handbooks**
- **Design Tools Catalog**
- **Recommendations for R&D**
- **TAG Web Site - http://hfetag.dtic.mil**

Membership

- **U.S. military and government employees**
  - **Technical representatives**
  - **R&D in areas relating to Ergonomics/Human Factors**
- **TAG-certified representatives of selected professional societies and industry associations may affiliate via the Technical Society/Industry SubTAG**